PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. POTT and BARRETT, 48, Leicester-square.

TO ARCHITECTS AND OTHERS.

PROTECTION FROM FIRE, and COMFORT WITH ECONOMY.—HOT WATER APPARATUS in connexion with the "IMPROVED FLUE BOILER and FURNACE," is guaranteed to be the best means by which any Church or Chapel, School-rooms, or other building (public or private) can be warmed, so as to produce a pure atmosphere, at an agreeable temperature, without risk of fire. It is fired upon a principle which insures its efficiency, requires very little attention, and will be kept in a perfect working order at a small annual charge, for a number of years.—For references, estimates, and every particular, apply to the patentee and sole manufacturer, WILLIAM HILL, Engineer, Greenwich.

WARMING BY HOT WATER.—J. WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the honour of Architects to inspect their Hot-Water Apparatus, which is to be seen on their premises, in extensive operation. Ornamental Pedestals and Stands of Pipes in great variety, applicable for warming churches, mansions, entrance-halls, offices, conservatories &c.—TUBULAR BOILERS of all sizes warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

FULKES' RANGE and STOVE MANUFACTORY, and Builders' Ironmongery Warehouse, 91 and 92, Fore-street, Cripplegate.—An extensive stock of ranges, bright and black registered stoves, rain water pipes and guttering, sash weights, and all kinds of builders' ironmongery, at same prices as advertised by other houses.

GRICE'S IRONMONGERY, STOVE, and RANGE WAREHOUSE, 14, Walworth-road, London.

Elliptic Stoves, with Double Backs, 9½d. per inch; Register Stoves, 5d. per inch.

5-feet Self-acting Cottage Ranges, Oven and Back Boiler, 22s. each.

Cut Sheet Floor Brads, 11d. 4d. per cwt.

Cast Clamp Nails.				
1lb.	1oz. 6d.	1oz.	12lb.	12lb. 6d. cwt.
½	1½	2	3½	3 in.

1-inch Cut Lath, 1lb. 6d. per cwt.

4-inch 3-bolt Rim Locks, with Scotch Springs, best patent furniture, 14s. 6d. per dozen.

Improved Bow Latches, 2s. 6d. per doz.

HOT WATER APPARATUS for heating greenhouses, &c., on improved principles, being the cheapest ever known.

TO BUILDERS and CARPENTERS.—

Elliptic Stoves, double backs, 9½d. per inch.

Register Stoves, 5d. 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and hot boilers, best wrought bars and bright fittings—

2 ft. 3 in.	2 ft. 6 in.	3 ft.	4 ft.	5 ft.
3-feet Cottage Ranges, with ovens and back boilers, 12s. each.				
3-feet self-acting ditto, ditto				18s. each.

Air Bricks, 9s. 6d. per doz.—1-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp—

1½	1½	2	2½	3 inch and larger.
1os. 6d.	1s. 6d.	1s.	12s. 6d.	12s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.

Best Town Glue, 9s. Ditto, Scotch, 3s. per cwt.

Best Patent Sash Line—

1	2	3	4	5	6
4s.	6s. 6d.	8s. 6d.	9s.	9s.	10s. 6d. per gross.

ALF. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 33, Chiswell-street, Finsbury-square.

Lists of Prices had on application at the Warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 130, Shoreditch.

Strong Elliptic Stoves, with extra back, 9½d. per inch.

Register Stoves, 5d. per inch.

3-ft. Self-acting Cottage Ranges, with Oven and Boilers, 20s. each.

3-ft. Self-acting ditto, with wrought bars and bright fittings, 30s. ea.

	2 inch.	3 inch.
Cast Rain-water Pipe	9d.	10d. 1s. per yard.

Cast Gutters—4 inch, 9d. per yard.

	4 inch.
O.G. Gutters	11d. 1s. per yard.

Best Cut Clasp and Rose	1½	1¾	2	2½	3 inch.
	12s.	13s. 6d.	14s.	15s.	18s. 6d. per cwt.

Sheet Floor Brads, 11s. 9d. per cwt. Cast Lath, 2s. 6d.

1-inch Cut Lath, 1s. per cwt.

4-inch 3 Bolt Rim Locks, with Scotch Springs and best Furniture Patent Spindles, 15s. per doz.

4-inch 3 Best Rd. Ward Mortices, with best Furniture and Patent Spindles, 2s. 6d.

Best Fluted and Rammer Metal, 13s. per cwt.

Hot Water Pipes, 4s. 6d. per cwt.

TO BUILDERS, CABINET-MAKERS, and OTHERS.

Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose.

12s.	14s. 6d.	14s.	12s.	12s. per cwt.
1½	1¾	2	2½	3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 6d.	3s. 6d.	4s. 6d.	5s.	6s.	9s.
10	13	14	16	20	30 in.

Best Bright Tower Bolts, per doz.

1s. 3d.	1s. 6d.	2s. 6d.	3s. 6d.	4s. 6d.	5s. 6d.	7s. 6d.	9 in.
3	4	5	6	7	8	9	

Iron Rain-water Pipe.

2½d.	3½d.	4s. 1d.	5s. 6d.	1s. 6d. per yard.
3	3½	3	4½	4 inch.

Best London Glue, 10s. per cwt.

Cast Lath Nails, 1s. per cwt.

Sash Sticks, 1s. 6d. per doz. 3s. 6d. per 100.

Hinging for board, 4d. 1s. per doz.

Sash Weights, 5s. per cwt.

TERMS—NET CASH.

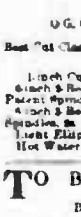
A price-list may be had on application.

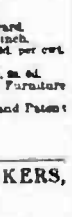
A. L. PFEIL and Co.,

Wholesale Ironmongers, Brass Foundry and Nail Warehouses,

5 and 6, Broad-street, Bloomsbury, London.

AGENTS FOR LEAD'S PATENT MORTISE LOCKS AND BOLTS.





TO BUILDERS AND CARPENTERS, &c.

J. H. BOOBBYER and CO., late Sturch and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholsters, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose.

12s.	14s. 6d.	14s.	12s.	12s. per cwt.
1½	1¾	2	2½	3 inch.

Best Bright Tower Bolts.

1s. 3d.	1s. 6d.	2s. 3d.	2s. 6d. per dozen.
3	4	5	6 inch.

Best Patent Sash Line.

4s.	4s. 6d.	5s. 6d.	7s.	9s.	12s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 1s. per cwt. Sash Weights, 5s. per cwt.

Air Bricks, 4s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.

11 by 6 inches	5s. each.
16 by 9 ,,	8s. ,,

An assortment in Brass, Bronzed, Oils, &c.

An extensive stock of Mortise Locks, Dumb-back Locks, Iron Rim Locks and Latches, of every description, at very reduced prices; also Door furniture, in china, amber, crystal, ivory, ebony, buffalo, horn, brass, &c., with Finger plates, Bell-pulls and Levers en suite.

B. and Co. are the fortunate of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 100 years, for the supply of goods from the best manufacturers at the lowest prices.

STOVE GRATES.—The Best and Cheapest Grate for all General purposes, is PIERCE'S UNIVERSAL FIRE-LUMP GRATE, made of the finest prepared Fire Loam in one entire piece; very strong, with large Hobs, Improved Iron Bars, Bost in, and Trivet complete; will burn either Wood, Coal, Coke, or Peat. Price 11s. 6d. each, 12s. 6d.

Also, his IMPROVED REGISTERED COTTAGERS' GRATES, on the same principle, but adapted for warming two rooms, with one small fire. This grate is constructed so as not to require any fixing or brickwork, and was exhibited at the agricultural shows of the present year, when it was highly commended. Prices—12s. 6d., 15s., and 20s.—May be seen at PIERCE'S PYROPNEUMATIC STOVE GRATE MANUFACTORY, 4, JERMYN-STREET, REGENT-STREET.

"A Cottagers' Grate, on one of the best principles we ever saw, shown by W. Pierce, was both cheap and compact."—*Exeter Western Times*, July 20, 1850.

*** Old Stoves modernized, and altered to the above principle.

PATENT GALVANIZED IRON Plain or Corrugated for ROOFS, HOUSES, &c. Wholesale Retail, and for Export.

Apply to TUPPER and CARR,

2, MANSION HOUSE PLACE, LONDON;

or BROAD-STREET, BIRMINGHAM.

Patent Galvanized Iron Guttering, Water or Gas-pipes, Hooping, Wire, &c.

*** An allowance to the trade.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Southwark.

JOHN M. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

TO GAS AND WATER COMPANIES, ENGINEERS, AND CONTRACTORS.

ANDREW M'LAREN & Co., Ironfounders, STEEL YARD WHARF, UPPER THAMES-STREET, have always on hand a large STOCK of SOCKET PIPES of all sizes, with the usual connections, Retorts, columns, girders, and all description of castings contracted for.

Their stock of pedestals for GENERAL IRONMONGERS is unequalled for variety and lowness of prices; comprising, range, register, and elliptic stoves, rain-water pipes, O.G., and half-round guttering, sash-weights, railing bars, panels, bakers' oven work, sink traps, air bricks, water closet metal, &c. &c.

Printed list of prices, and books of drawings for the use of Ironmongers, forwarded on application.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's.—J. J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Cantilevers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKER'S OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

FOUNDRY AND IRONWORKS,

1 & 2, DRURY-LANE, and CHARLES-STREET, DRURY-LANE,

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Range and Hot-plate Work. An improved Stove Door adapted for historical work.

A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fire-proof Doors, Book Safes and Strong Rooms, Tanks and Boilers and every description of Iron-work to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,

1 & 2, DRURY-LANE, and CHARLES-STREET

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR

LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOK-CASES, CHESTS, &c., made entirely of strong wrought-iron, so as effectually to resist the failing of brick and stone, and to ensure safe, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

LEADBEATER, FIREPROOF SAFE and DETECTOR LOCK MANUFACTURER to HER MAJESTY'S BOARD of ORDNANCE.

LEADBEATER, many years Manufacturer for Chubb.

LEADBEATER'S strong wrought-iron FIREPROOF BOOK SAFES, CHESTS, DOORS, for STRONG ROOMS, PLATE CLOSETS, PARTY WALLS, &c., all of the best make, secured by LEADBEATER'S IMPROVED DETECTOR LOCKS, and possessing all the most recent improvements, offer PERFECT SECURITY against Fire and Thieves. Extra Strong Cash and Deed Boxes, &c., sold at prices which place them within the reach of all classes.

LEADBEATER'S IMPROVED DOUBLE ACTION COMBINATION LATCHES, for securing street and office doors, cannot be opened by false keys or picklocks.

A large assortment on hand of all sizes and fitted for every purpose at LEADBEATER'S FIREPROOF SAFE and DETECTOR LOCK MANUFACTORY, 126, ALDERSGATE-STREET, CITY, LONDON.—Estimates sent by return of post.

A vacancy for an apprentice—a small premium required.

TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand. Established 1815. Proprietors and sole Manufacturers of PITT'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, on ends with finger plates, bell-pulls, levers, &c., and also to their

LOCKS and LATCHES in mortice, rim, dead bolt, iron gate, cabinet &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their

GENERAL IRONMONGERY, wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDRY.—Bell cranks of all descriptions, cornice poles, picture rods, shew door handles, desk and hat rails, window guards, Espagnolette bolts, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sockets, traps, &c. &c.

DOOR SPRINGS and HINGES, including Redmond's, Smith's, Collinge's, Gerish's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

LEAN RACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.

HART and SONS, aware that the practice of publishing NET price-lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they feel to assure their friends that their prices shall be equally as low as those of any other respectable house.

TO ARCHITECTS.—COMPETITION AND OTHER DRAWINGS.

MR. THOMAS S. BOYS, Member of the New Society of Painters in Water Colours, and author of "The Picturesque Architecture of Paris, Ghent, Bruges, &c." and of "London as it is," offers his services in Tinting Sketches, Landscapes, Perspective Views, Interiors, &c. From the long experience he has had in such subject, he is fully aware of the points essentially necessary to be attended to. Drawings and designs lithographed in a superior manner.—Address, Mr. BOYS, 51, Great Titchfield-street, Oxford-street.

WOOD CARVING.—J. BARNETT begs to inform Architects, Builders, Cabinet-makers, &c. that he executes Wood Carving of all kinds with promptitude and economy; and especially with a very careful adherence to the given style, whatever it may be.—14, Woburn Buildings, Tavistock-square.

LEAD, WATER-CLOSETS, &c.—Plumbers and builders supplied with Patent Pipe, Cast and Milled Lead, in sheets or cut to dimensions; also Pumps, Water-closets, and every description of brasswork used by plumbers, at WILLIAM DENT'S Manufactory, 81, Newcastle-street, Strand.

GLAZED STONE WARE DRAIN PIPES.—TURNER and MOUNTAGUE, Leigh, near Southend, Essex, manufacturers of stone ware drain pipes and drain tiles. Drain pipes and tiles to any pattern.—Orders received at, and executed from Harrow-bridge Wharf, Stratford, Essex; Falcon Wharf, 98, Bankside, Blackfriars; and at their Cement Works, Orchard House, Blackwall.

LAMBERT'S PATENT HIGH-PRESSURE and SELF-ACTING VALVE COCKS are warranted not to leak under the heaviest pressure, and to be exceedingly durable; they have been continuously in use during the last four years, without needing even repair. The ball valve runs a full bore on the least descent of the ball; the friction is so exceedingly slight that it is quite impossible that they can ever become fixed or set fast. They are also much cheaper than any ball-tap now in use.—Manufactured solely by THOMAS LAMBERT and SON, Patentees, Short-street, New Cut, Lambeth.

IMPORTANT SANITARY IMPROVEMENT.—The cheapest and most effectual preventive of Stench and Noxious Vapours arising from Sewers, Drains, Cesspools, &c., is

BUNNETT'S PATENT SELF-ACTING AND SELF-CLEANSING EFFLUVIA TRAPS.

Thousands have now been used in all parts of the kingdom with uniform success. See testimonials, &c., which may be had at the Office, 26, Lombard-street.

Perfect action and durability are guaranteed.

BUNNETT AND CO., ENGINEERS AND PATENTEES OF REVOLVING IRON AND WOOD SHUTTERS, METAL SASHES, DOUBLY TRAPPED SELF-ACTING WATER-CLOSETS, &c. &c.

Office, 26, Lombard-street; Works, Deptford, Kent.

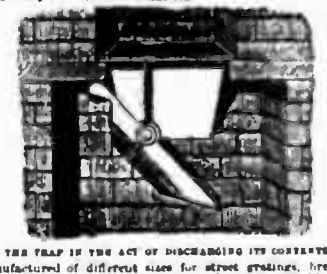
TO PLUMBERS, BUILDERS, AND ENGINEERS.

CHEAPEST HOUSE IN LONDON for every description of best Town-made Brass and Copper Work.

PAN CLOSETS complete, with WHITE BASIN, 27s.—4-inch Lift Pumps, 40s.; 3½ in., 32s.; 3 in., 27s. 6d. Cocks: ½ in., 1s. 6d.; 3-4th in., 2s.; 1 in., 3s. 6d.—Copper Pipes, per foot: 1 in., 10d.; 1½ in., 1s.; 1½ in., 1s. 6d.; 2 in., 1s. 9d.

Gun Metal Steam Cocks, Safety Valves, Steam and Water Indicators, &c., equally low at A. McGLASHAN'S, 14, Long-acre, and Hart-street, Covent Garden.

IMPORTANT SANITARY IMPROVEMENT.—F. GOTTO'S PATENT SELF DISCHARGING EFFLUVIA TRAPS have now been adopted in many large towns. It has been found the best preventative for the escape of noxious effluvia, and combines simplicity of construction and economy with its many other recommendations.



THE TRAP IN THE ACT OF DISCHARGING ITS CONTENTS.

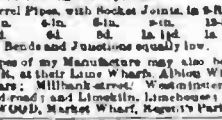
Manufactured of different sizes for street gratings, breweries, slaughter-houses, and private dwellings, from 20s. to 5l. each.

Manufactured solely by Mr. JOHN ISMAY, Dover.

AGENTS:—CHADDON and Co., 3, Bowgate-hill, London; GILBERT CURRIE and Co., 63, St. Vincent-street, Glasgow; J. J. and S. BLAKE, 7, Patrick's Quay, Cork.

Mr. FREDERICK GOTTO will attend to all communications addressed to him at Dover.

UNION BROWN STONE POTTERY, CHEMICAL APPARATUS, and DRAIN-PIPE MANUFACTORY, 14, Vauxhall-walk, Lambeth. Patronized by Her Majesty's Commissioners of Woods and Forests, and by the Metropolitan Commissioners of Sewers.



WILLIAM NORTHEN, Inventor of Salt GLAZED BROWN STONE SOCKET DRAIN-PIPES, in every variety of shape, begs to call the attention of Architects, Surveyors, Contractors, and Others to the following list of prices:—

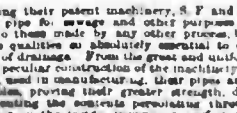
Straight Barrel Pipes, with Socket Joints, to S.-B. Lambeth.

3-in.	4-in.	6-in.	9-in.	12-in. bore.
4d.	5d.	6d.	1s. 1½d.	1s. 6d. per foot.

Bends and Junctions equally low.

N.B. Drain-pipes of my Manufacture may also be obtained of Messrs. ROBSON, at their Lime Wharfs, Albion Wharf, Holland-street, Blackfriars; Millbank-street, Westminster; Kingsland Basin, Kingsland-road; and Limehouse, Limehouse-road of Messrs. MARTIN and WOOD, Market Wharf, Regent's Park Basin.

IMPROVED DRAINAGE BY ROYAL LETTERS PATENT.



STANDING, FRANKLIN, & STANDING, Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE. Offices, 25, Cornhill, entrance in Change-alley; Factory, Brunton's Wharf, Commercial-road, Limehouse.

By employing their patent machinery, S. F. and S. are enabled to produce a pipe for sewage and other purposes in every way far superior to those made by any other process, but more especially in those qualities so absolutely essential to a perfect, and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery, allowing the air to escape, used in manufacturing, their pipes are entirely free from air bubbles, proving their greater strength, durability, and entirely preventing the contents percolating through; they are most smooth over on the inside, insuring a perfect passage for the sewage, and preventing any deposit.

STRAIGHT TUBES WITH SOCKET JOINTS, BENDS, JUNCTIONS, TRAPS, CLOSET PANS, Water, Gas, and Chemical Pipes, Architectural Ornaments, Vases, Chimney Pots, &c. shipping and foreign orders executed to any extent.

Specimens may be seen at the offices, 25, Cornhill, where prices, &c., may be obtained, and licences granted for the use of the patent machines.